

## Test & Inspection



### MT Tracer 12-Fiber Visible Laser Source and Display

#### Features

- Viewing safe for eyes
- CW or 2 Hz output
- Direct connect - No fan-outs necessary
- Test 8 and 12 fiber MTP® assemblies
- Test polarity, continuity and fiber mismatch

The MT Tracer is a compact multi-fiber visual fault identifier (red laser source) supporting 8 or 12 fiber MTP® connections. The user simply connects the 12-fiber cable directly to the unit. Fibers can be tested individually or all at once. By progressing sequentially through the fibers, cables can be quickly checked for polarity by verifying the proper order at the output. The MT Tracer Display is a passive optical device designed to receive the light from the MT Tracer Source and provide an eye-safe method of viewing the red light. Identification is accomplished by expanding the output of the MT ferrule to a large easy to read panel - large enough to be read from several feet away.

#### Specifications

MT TRACER SOURCE	
Optical Wavelength	650 ±10 nm
Output Power Level	Minimum 0.5 mW, typical 1.0 mW (at each SM 9/125 fiber at the end of MTP cord)
Optical Connector	MTP® male SM, angled
Number of Output Fibers	12
Power	2 x AA alkaline batteries
Battery Life (alkaline)	40 hours
Low Battery	Indicated by 2 Hz LED blinking
Weight	0.29 kg (0.63 lb)
MT TRACER DISPLAY	
Input Connector	MTP® angled male 62.5 μ fiber
No. of input Connectors	1 (12-fiber MTP)
GENERAL	
Weight	Source: 0.29 kg (0.63 lb); Display 0.18 kg (0.4 lb)
Dimensions	9.9 x 3.8 x 14.3 cm (3.9 x 1.5 x 5.6 in)
Operation Temperature	0 °C to 40 °C, RH 85 % non-condensing
Storage Temperature	-30 °C to 50 °C, RH 95 % non-condensing

#### Ordering Information

INCLUDES	AFL NO.
MT Tracer Source, MT Tracer Display, batteries, instruction card, and carry case.	MT Tracer Kit